

JAP6 Rec'd PCT/PTO 10 OCT 2006

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Commissioner for Patents, P.O. Box 1450  
Alexandria, VA 22313 on October 6, 2006.

Patent Application  
Docket No. UF-371XC1  
Serial No. 10/569,000



Doran R. Pace, Patent Attorney

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : L. Curtis Hannah, Carla R. Lyerly Linebarger  
Serial No. : 10/569,000  
Filed : February 17, 2006  
For : Heat Stable Variants of Adenosine Diphosphate Glucose Pyrophosphorylase

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

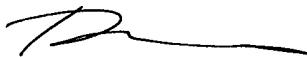
Sir:

The above-identified patent application was filed with an unsigned Declaration (37 CFR §1.63) and Power of Attorney form. Transmitted herewith is a fully executed Declaration (37 CFR §1.63) and Power of Attorney form for the subject application. A Notification of Missing Requirements Under 35 USC 371 in the United States Designated/Elected Office (DO/EO/US) was received from the Patent and Trademark Office, and a copy of that Notice is attached hereto.

The Notification of Missing Requirements indicates that the subject application does not comply with the sequence requirements of 37 CFR §§1.821-1.825. Attached with this Notice is a Submission of Sequence Listing Under 37 CFR §§1.821-1.825 and an Amendment Under 37 CFR §1.825(a) through (c) providing the replacement sequence listing in computer readable format and on paper.

Please charge the surcharge of \$65.00 to Deposit Account No. 19-0065. The Commissioner is hereby authorized to charge any additional fees which may be required to Deposit Account No. 19-0065. Two copies of this transmittal letter are enclosed.

Respectfully submitted,



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Patent Attorney  
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DRP/kmm

Attachments: executed Declaration and Power of Attorney; Submission of Sequence Listing Under 37 CFR §§1.821-1.825; Replacement Sequence Listing in computer readable format and on paper; Amendment Under 37 CFR §1.825(a) through (c); copy of Notification of Missing Requirements.

10/17/2006 MKAYPAGH 00000097 190065 10569000

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## UNITED STATES PATENT AND TRADEMARK OFFICE

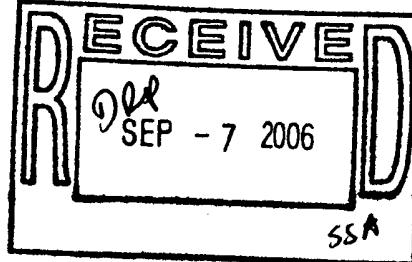
UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/569,000	L. Curtis Hannah	UF-371XC1

INTERNATIONAL APPLICATION NO.
PCT/US04/26965

23557

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Date Mailed: 09/01/2006

I.A. FILING DATE	PRIORITY DATE
08/18/2004	08/18/2003

CONFIRMATION NO. 1758  
 371 FORMALITIES LETTER



\*OC000000020275178\*

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 02/17/2006
- Preliminary Amendments filed on 02/17/2006
- Information Disclosure Statements filed on 07/20/2006
- Oath or Declaration filed on 02/17/2006
- Biochemical Sequence Listing filed on 02/17/2006
- Request for Immediate Examination filed on 02/17/2006
- U.S. Basic National Fees filed on 02/17/2006
- Priority Documents filed on 02/17/2006
- Specification filed on 02/17/2006
- Claims filed on 02/17/2006
- Abstracts filed on 02/17/2006
- Drawings filed on 02/17/2006
- Paper nucleotide sequence listings filed on 02/17/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.

- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is **\$65** for a Small Entity:

- **\$65 Surcharge.**

- This application does not contain a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). Applicant must provide such statement. If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

**For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:**

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

SHAKEEL AHMED

Telephone: (703) 308-9140 EXT 208

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.

10/569,000

INTERNATIONAL APPLICATION NO.

PCT/US04/26965

ATTY. DOCKET NO.

UF-371XC1

FORM PCT/DO/EO/905 (371 Formalities Notice)